

<u>APPLICANT</u>	<u>MANUFACTURER</u>
Fisher Price 636 Girard Avenue East Aurora, NY 14502	Hoshing Telecom Limited 2-5 Wang Tai Road Hopline Industrial Center - Block B Kowloon Bay, Kowloon Hong Kong

TEST SPECIFICATION: FCC Rules and Regulations Part 15, Subpart C

TEST PROCEDURE: FCC 15.249(a)

#### TEST SAMPLE DESCRIPTION

BRANDNAME: Fisher Price

MODEL: 1580T                      FCC ID: CCT1580T

TYPE: 900 MHz Baby Monitor

FREQUENCY RANGE: 906.0 MHz and 906.6 MHz

POWER REQUIREMENTS: 9 VDC derived from 115 VAC Transformer

#### TESTS PERFORMED

- 15.249(a)                      Radiated Emissions, Fundamental and Harmonics
- 15.249(c)/15.209           Out-of-Band Radiated Emissions
- 15.249(c)                      Occupied Bandwidth
- 15.207(a)                      Conducted Emissions

Report Number: R-8198-3A  
FCC ID #: CCT1580T

## REPORT OF MEASUREMENTS

Applicant: Fisher Price  
Device: 900 MHz Baby Monitor  
FCC ID: CCT1580T  
Power Requirements: 9 VDC derived from 115 VAC Transformer  
Applicable Rule Section: Part 15, Subpart C, Section 15.249

## TEST RESULTS

- 15.203: The intentional radiator is designed to ensure that no antenna other than that furnished by the applicant can be used with the device.
- 15.207(a): The radio frequency voltage that was conducted back on to the AC power line on any frequency/frequencies within the bandwidth of 450kHz to 30MHz did not exceed 250 microvolts.
- 15.249(a): The unit operates in the 902 - 928 MHz band. The field strength of the fundamental did not exceed 50mV/M AVERAGE. The field strength of the harmonics did not exceed 500μV/M AVERAGE.
- 15.249(b): Field strength readings were taken at three meters unless otherwise noted.
- 15.249(c): Emissions radiated outside the specified frequency band were attenuated in accordance with the general radiated emissions limits of 15.209.
- 15.249(d): The peak field strength of any emission did not exceed the maximum permitted average field strength by more than 20dB under any condition of modulation.

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### GENERAL NOTES

1. All user accessible controls were adjusted to produce maximum emissions.
2. Measurements of conducted emissions were performed utilizing a 50 ohm/50μhenry Line Impedance Stabilization Network (LISN).
3. The unit operates in the band of 902-928 MHz. The unit operates at two (2) discrete frequencies, 906.0 MHz and 906.6 MHz. Since the unit tunes over a range less than 1 MHz, one frequency was chosen for testing, in accordance with Section 15.31(m). The unit was tested at 906.6 MHz.
4. The frequency range was scanned from 30MHz to 9.3 GHz. All emissions not reported were more than 20dB below the specified limit.

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## EQUIPMENT LIST

### FCC Part 15 Subpart C

EN	Type	Manufacturer	Frequency Range	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	9/1/99	10/1/99
076	LISN	Solar Electronics	10 kHz - 30 MHz	8012-50-R-24BNC	1/19/99	1/19/00
128C	Double Ridge Guide	Eaton Corporation	1 GHz - 18 GHz	96001	10/6/98	10/6/99
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/22/99	6/22/00
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	3/16/99	9/16/99
141A	Graphics Plotter	Hewlett Packard	N/A	7470A	3/5/99	3/5/00
141B	Quasi-Peak Adaptor	Hewlett Packard	100 Hz - 1 GHz	85650A	3/16/99	9/16/99
202	Transient Limiter	Hewlett Packard	.009 MHz - 200 MHz	11947A	7/19/99	7/19/00
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	6/22/99	6/22/00
523	Biconilog	Electro-Mechanics	26 - 2000 MHz	3142B	10/22/98	4/22/00
543	Preamplifier	Hewlett Packard	1.0 GHz - 26.5 GHz	8449B	6/16/99	6/16/01

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## EXHIBIT 4

### Radiated Emissions, Spurious Emissions

Para. 15.249(c)

(Please see separate e-file attachment named REspurem.doc)

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## EXHIBIT 4

### Occupied Bandwidth

Para. 15.249(c)

(Please see separate e-file attachment named Occbw1.pdf, and Occbw2.pdf)

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## EXHIBIT 4

### Conducted Emissions

#### Para. 15.207(a)

(Please see separate e-file attachment named Cedata1.pdf and Cedata2.pdf)

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